

The Inhibitory Influence of the RT Bulbar Reticular  
Formation and Its Influence on the Spinal Cord, by  
S. M. Butskuzi, S. P. Marikashvili, 5 pp.

RUSSIAN, per, Byul Eksp. Biol i Med, Vol XLVII, No 2,  
1959, pp 3-8.

Consultants Bureau

95, 611

Sci  
Sep 59

(NY-7071)

ELECTROCARDIOGRAPHIC ANALYSIS OF THE STABILITY OF  
THE POSTURE OF RIFLEMAN UNDER CONDITIONS OF  
TRAINING AND COMPETITION, BY S. P. MARINENKO,  
A. S. MELNYA, 10 PP.

RUSSIAN, MED. TEEPIYA / FIZIONOMIY  
IZVESTIY, VOL XXIV, NO 9, 1961, PP 701-716.

JUN 1961

SCI - MED

AL 62

202, (25)

Interaction Between Thalamo-Cortical  
Projection Systems, by S. P. Marikashvili,  
E. S. Moniyaya, 9 pp.

RUSSIAN, per, Zhur Vysshey Nerv Deyatel  
imeni I. P. ~~Pavlov~~ Pavlova, Vol IX, No 3,  
1959, pp 461-470.

PF

195,050

Sci

May 62

Primary Response Reaction and the "Spontaneous"  
Electrical Activity of the Cerebral Cortex,  
by S. P. Karikashvili, 8 pp.

RUSSIAN, per, Fiz Zhur SSSR imeni I. M.  
Sechenova, Vol XLIII, No 7, 1957, pp 642-650.

Ferguson Institute

Sci. - Physics  
Jul 58

66,573

(SF-2297)

ON THE DYNAMICS OF CHANGES IN THE ELECTRICAL  
RHYTHMS OF THE LARGE HEMISPHERES AFTER INJURY TO THE  
RETICULAR FORMATION OF THE BRAIN STEM, BY  
S. P. NARIKASHVILI, E. S. MONIASHVILI, 7 PP.

RUSSIAN, PER, SOOBHOCHENIYA AN IMENI GRUZINSKOY  
SSR, VOL XXVIII, NO 1, 1962, PP 81-83.

JPRS 15189

SCI - MEDICINE

SEP 62

210,102

1959-1961 Development of Gas Economy in  
Azerbaydzanskaya SSR, by A. M. Abdullayev, A. A.  
Marimov, 7 pp.

RUSSIAN, per, Gaz Prom, No 10, 1961, pp 29-32,  
(Gall. No. TP700, 028).

AMS

UNSR

Econ

Jan 62

17P, 764

On The Motion of a Container Partially  
Filled with Liquid: Effects of Nonuniformities  
of Liquid Motion, by G. S. Marinkov, 21 pp.  
RUSSIAN, per, Prikladnaya Mekhanika i  
Mekhanika, Vol 21, No 5, 1967, pp 696-700.  
COST 15-6-7137.

*G. S. Marinkov*  
32, 21

Sci - Mechanics  
Mar 67

Study on Photographic Substances. 1. Synthesis of the  
Oxidation products of Leucine and its Derivatives,  
and their Physico-Chemical Properties, by S. Kori,  
S. Narisawa.

JAPANESE, for Jap. Chem. Soc. Jpn. J. Chem. Vol. 12,  
No. 1, 1962, pp 55-70.  
JSTED/No. 6631.

S. NARISAWA

Ref -  
July 1967

394-032



... a ... of Study of Special ...  
K. ... A. ...  
JAPANESE, ... Vol 50, No 4,  
1964, pp 684-686.  
HS 686

*K. ...*

FE-Japan  
SA/MAH  
May 65

128,491

Research on Trace Elements in Iron and Steel  
(Report No. 7 [1]), by K. Harita.  
JAPANESE, ENG. J. Chem. Ind. Japan, Vol. 80, 1959,  
pp 244-269.  
\*EISI 6253

Sci/Int  
Mar 63

*K. Harita*

Research on Trace Elements in Iron and Steel  
(Report No. 3) Concerning Titanium and Zirconium  
Residues in Iron and Steel, by K. Narita.  
JOURNAL, Met. J. China, J. of Japan, Vol. 70,  
1956, pp 1506-1509.  
\*ALSI 3260

sent/alt

date 1958

K. Narita

Standard Accuracy Determination of  
Pulsed Proton Beams by Pulse-Height  
Measurement, by Masakuni Kurihara,  
Masakuni Kurihara, et al.

JAERI-TR-83-101, for Japan Atomic Energy  
Research Institute, Jan 1985. 222 p. 11  
NAC-31-11-1

70  
Exp. Buturi, Vol. 33, no. 6, 1963  
pp 363-367. Masakuni Kurihara

JAERI  
Sci. Electron Science  
Ser. 15

101,105

150  
Report Intensity Examination of Police Station  
Done by Police Station Examination, by Musakuni  
NARITA, Masahiko NARITA, Masahiko NARITA, Masahiko  
NARITA, 14 pp.  
Japanese gov, 1944, Vol. 32, No 6, 1944,  
pp 165-167.  
ABC 124 Tr-4

Musakuni NARITA

10,150

Sol - Physics  
Vol 67

On the question of the increasing importance of aerial photography, by  
V. K. Kovalchik, 123 pp.  
RUSSEAN, INC. IN 1941, Laboratory for Aerophotography,  
1964, pp. 12-13.  
PUB-INT-54-542

V. I. NARKEVICH

SECRET

ALL, 2002

Some Problems Involved in Increasing the Interpretability of Aerial Photographs, by V. I. Narkevich.  
RUSSIAN, bk. Konsulatskaya Disputirovaniye  
Aerofotomirov, Moscow, Leningrad, 1964, 187 pp.  
\*PTD-INT-65-242

Sci-Phys  
Jun 65

Special Functions in the Plane Theory of  
Elasticity, by M. E. Narodetskiy, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol. CXIV, No 1,  
1957, pp 729-732,

Consultants Bureau

Sci - Physics  
Jul 58

66,956



Investigation of Stresses in a Circular Ring  
Under the Action of Concentrated Forces, by  
A. A. Gerasimov.

1948, No. 1, In AN SSSR, Vol. 1,  
1948, pp. 7-15.

English translation

from the Russian, 1948

(N. 1, 1948)

207,487

See also

62-13793

Shreditsky, G. D.  
 COMPLEX PSYCHIC STRUCTURE IN CHILDREN  
 OF DIFFERENT AGES [1960] [8]p.  
 Order from OIS or SLA \$1.10 62-13793

1. Shreditsky, G. D.

62-13793

Trans. of [Kashimura Naoki 3858]. Institut Vysshel  
 Nervov Dzh [1960] Trudy [Seriya Patofiziolo-  
 gicheskaia] 1960, v. 10, p. 130-135.

Psychic structure, motor reactions,  
 emotional states, biological psychology, laboratory  
 experiments, physiology, animal behavior, \*Cere-  
 brum.

Abstracts of the 1960-1961 session of the 1st  
 International Congress of Psychology (1960, Moscow, U.S.S.R.)  
 Abstracts of the 1960-1961 session of the 1st  
 International Congress of Psychology (1960, Moscow, U.S.S.R.)  
 Abstracts of the 1960-1961 session of the 1st  
 International Congress of Psychology (1960, Moscow, U.S.S.R.)

(NY-2900/33)

New Instruments and Automation Equipment for  
Petroleum Refining, by H. S. Belogerakly, Ya. I. I.  
Murovitskiy, 8 pp.

RUSSIAN, per, Prihorostroyeniye, No 8, 1960,  
pp 23-15.

JPRS 7662

USSE

R-200

Page 61

140, 805

The Propagation of Elastic, Viscous and Plastic Shearing Waves in a Plate, by A. M. Kochevnikov; A Problem in Conformal Transformations, by M. Z. Neroditskiy, D. I. Shorman; A compact Solution of the Parabolic, Inhomogeneous, Limit Problem, by N. H. Erugin, 29 pp. UNCLASSIFIED

Full translation.

RUSSIAN, bino per, Frik Matemat i Mekh, Vol XIV, No 2, Mar/Apr 1950.

AND P-1B-7338

Sci - Mathematics

Condition of the Cerebellar Nuclei After  
Extirpation of the Cortex and the Total Removal  
of One of the Cerebral Hemispheres, by  
K. I. Karovchatskaya, 6 pp.

RUSSIAN, per, Izv. Akad. Biol. i Medit, Vol. LV,  
No. 6, 1963, pp 102-104.

CB

Sol.

Sept 64

264,877

Concerning the Synapses of Cerebellar Nuclei, by  
K. I. Marouchatova.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVI, No 1,  
1957, pp 105-.

Amer Inst of Biol Sci

Sci - Biol

Jun 59

Equivalent Wind and Methods of Its  
Calculation, by G. In. Marovljanski and  
S. V. Solomin.

RUSSIAN, source unknown, 1962, pp 1-85.  
REL 5878.4 1964 (5515) (On Loan)

Aug 65

File No. R01 Jan 65  
283,040

Superconductivity and Magnetism in  
Sphalerite Magnetic Fields in a Magnetite Single  
Crystal at Low Temperatures, by H. B.  
Henderson, 5 pp.

NISSIAN, J., in Air Force SRP, Ser. 111, Vol. 111,  
No. 10, 1958, pp 1194-1197.

Columbia Tech

Sci

101,802

Dec 59



The Participation of the Albanian Element, Influence  
of General Ametovic, Yugoslavist Research,  
by A. Marozzi, F. Rossi, The  
ITALIAN, FOR, THE JOURNAL OF THE ALBANIAN VOL 32,  
1953, NO 12-13  
SIA 22-5-28765

*A. Marozzi*

SIA - 1161  
June 67

320, 024

Bulgarian Geographical Atlas for School Use, by  
R. S. Marshikh, G. A. Pravotorova, 3 pp.

RUSSIAN, per, Geodes i Kartog, 10 12, 1961,  
pp 62-63.

AGU

Sci  
XI AUG 62

205,403

(NY-6324)

Improving the Content of Topographic Maps, by R. B.  
Narskikh, 13 pp.

RUSSIAN, ~~xxx~~ bk, Voprosy Primeneniya Kartograficheskikh  
Metodov pri Geograficheskikh Issledovaniyakh,  
1960, pp 122-127.

JPRE 9486

158, 607

USSR  
Geog  
Jul 61

(DC-6037)

Philosophical Problems of "General"  
Semantics, by I. S. Natskiy, 10 pp.

RUSSIAN, per, Voprosy Filosofii, No 3, 1961,  
pp 164, 169.

JPRS 8726

165, 428

Sci - Mins  
Sep 61

(70-3189).

The Correlation of Sociology, Historical and  
Biological Determinism, by L. S. Huxley, 16 pp.

RUSSIAN, per, Vestnik U, No 1, 1959, pp 89-101.

3783 3065

USSR  
Doc  
Apr 60

112,858

A Comparison of Some Electrodes for the Cold-  
Welding of Cast Iron, by S. A. Narakiy, M. A.  
Grishin, 9 pp.

RUSSIAN, per, Svaroch Proiz, No 10, 1959,  
pp 34-35.

British Welding Res Assoc

Sci

Aug 60

123,501

An Unusual Strain of Canine Hepatitis Virus  
by V. A. Amenyev, B. K. Besprozvanny, S. V.  
Merskiy, 6 pp.

RUSSIAN, per, Vopr Virologi, Vol V, No 4, 1965,  
pp 473-478.

PP

155720

Sci  
Jun 61

An Experimental Study of Infectious Hepatitis  
(Rubarth's disease), by V. A. Anan'ev, B. K.  
Bezprozvanny, S. V. Nareky, 5 p.

RUSSIAN, par, Voprosy Virusologii, Vol IV,  
No 2, 1959, pp 231-236.

Pergamon Press

Sci

Apr 60

114,860



Separation and Concentration Course of the Oxygen  
Isotopes  $O^{16}$ ,  $O^{17}$ , and  $O^{18}$  in the Distillation of  
Water in a Precision Distillation Apparatus, by  
M. Thurnau, A. Harben, Werner Kuhn, 49 pp.

GERMAN, pp, Helv Chim Acta, Vol. XLIII, 1960,  
pp 889-1004.

AEC Tr-4297

Sci - Chem  
21 Feb 61

140,922

Continuous Gas Chromatography, by W. Rabin, A. Hurten,  
M. Thurnkauf, 22 pp.

GERMAN, per, Helv Chim Acta, Vol XLIX, No 7, 1958,  
pp 2135-2149.

SIA 59-15335

Sci - Chemistry  
Nov 59

103,264

Continuous Gas Chromatography, by W. Kuhn, A.  
Heuten, M. Thurnau, 22 pp.

CHROMAT., part, Helvetica Chimica Acta, Vol. XLII,  
No 7, 1959, pp 2135-2149,

SIA 59-15335

Vol. - Chem

Dec 59

Vol. 2, no 4

103,804

On Antibodies To the Specific Antigen In Animals  
Affected With Tumors by N.V. Martynov and L.A.  
Zilber.

RUSSIAN, per, Akademiya Nauk SSSR Doklady, Vol IXV,  
1949, pp 229-232.

CHIN

Oct. 62

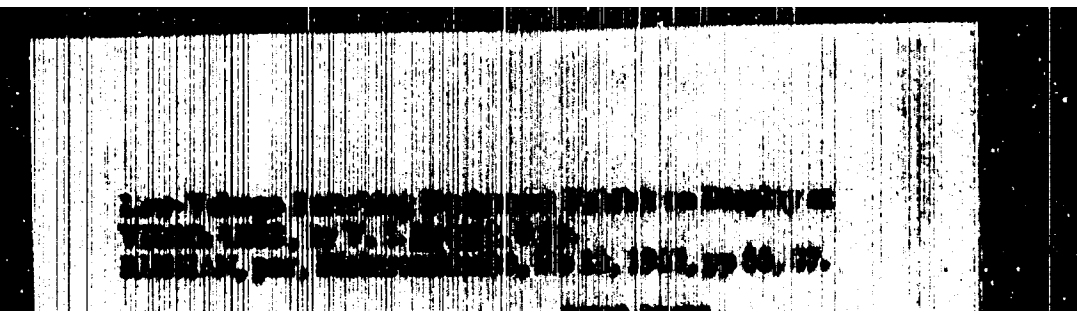
Some Results of the Investigation of a Magnetic  
Field in a Hydromagnetic Shock Tube, by Yu. V. Makarov,  
B. V. Martov, 6 pp.

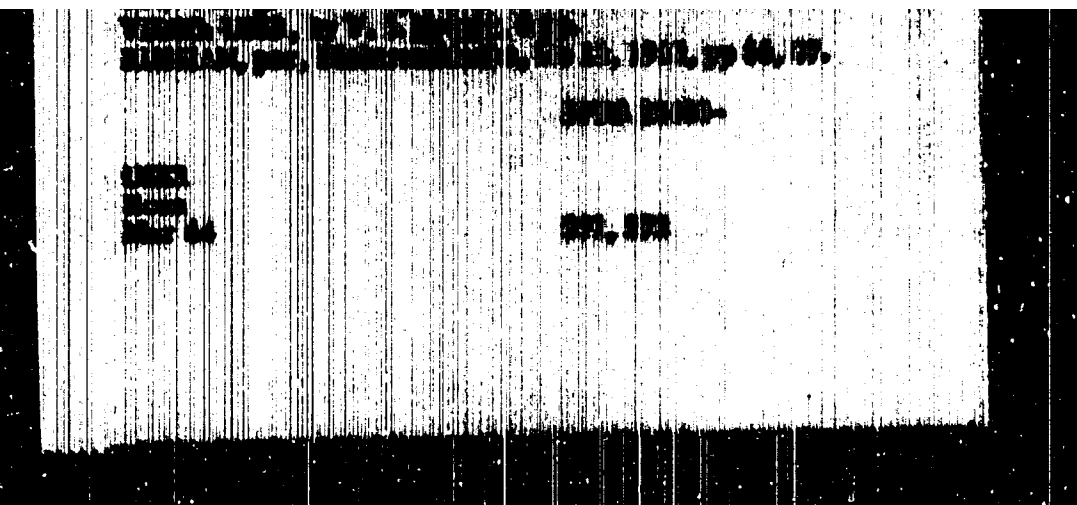
RUSSIAN, per, Zhur Tech Fiz, Vol XXXIII, No 6, 1963,  
pp 724-730.

Amer Inst of Phys  
Sov Phys - Tech Phys  
Vol VIII, No 6

and -  
Dec 63

244,114





Unit-Type Low Voltage Switchgear, by V. I. Martov,  
V. M. Borovitskii.  
RUSSIAN, per, Elektrotehnika U.S.S.R. 1963 Dec-  
ember, pp 7-56  
GB 68/k886

V. I. MARTOV

Sci -  
7-1 7-



MEMO TO DIRECTOR OF EXHIBITION OF MEMORANDA  
OF THE NATIONAL ARCHIVES, ON 9 11 NOVEMBER,  
V. 1. 1964, 12 97.

MEMO, PCL, CLOSURE, 12 10, 1964,  
PP 52-101.

FOR 22/92

12/28  
12/28  
12/28

204.737

CONTINUED

CONTINUOUS SOLID SOLUTIONS OF METALLIDES Ti<sub>3</sub>Al-  
Ti<sub>3</sub>Al-Ti<sub>3</sub>Al IN THE SYSTEM Ti<sub>3</sub>Al-Ti<sub>3</sub>Al, BY I. I.  
KORSHAKOV, T. T. NIKITINA, 3 PP. "  
RUSSIAN, PER. BOY. IN. TR. 1961, VOL CXL,  
NO 4, 1961, PP 883-891.

CB

SCI

JUL 62

204,363

Creep Strength at 700°C of Alloys on the Base of  
Ti-Al Compound

By I. I. Kornilov, T. T. Martova pp. 8

RUSSIAN, per. Iz Ak Nauk SSSR, Otdel Tekh Nauk,  
Metall i Toplivo, No 6, 1962 pp. 142-146

SIC

Sol

340, 721

Jul 63

THESE DISCUSSION OF THE TITANIUM - W. B. BROWN  
L. E. KAZEMLOV, P. M. KAZEMLOV, 3 pp.

RUSSIAN, FOR, Zhur Naoluan Khin, No 3, 1960,  
pp 622-623.

(Cover-Home Press)

Sus.

Oct 60

131/1

Nartshuk, E. P.  
SPECIES OF THE GENUS OSCINELLA INCK.  
(DIPTERA, CHLOROPIDAE) OF THE EUROPEAN  
PART OF THE USSR AND THEIR FOOD PLANTS.  
[1959] (49)p. 16 refs. [DSIR LLJ] M. 96  
Order from OTS or SLA \$4.60

59-18777

Trans. of unidentified Russian mono., n.p., n.d.

DESCRIPTORS: \*Diptera, Classification, Plants,  
USSR.

(Biological Sciences--Zoology, TT. v. 6, no. 7)

59-18777

I. Nartshuk, E. P.  
II. DSIR LLJ M. 96

Office of Technical Services

7-26-61

Nartshuk, E. P.  
OSCINELLA SPP. (DPT., CHLOROPIDAE) OF THE  
EUROPEAN PART OF THE USSR AND THEIR FOOD  
PLANTS, tr. by R. Ericson. May 60. 17p. (10 figs.  
1 table omitted) 16 reb.  
Order from OTS or SLA \$1.60

62-15645

Trans. of Entomologicheskoe Obozrenie (USSR)  
1976, v. 35, no. 4, p. 856-882.

DESCRIPTORS: Insects, \*Diptera, \*Drosophila.  
Anatomy, Classification, Ecology.

62-15645  
1. Title: Oscinella  
1. Nartshuk, E. P.

62-15645

Office of Technical Services

(Biological Sciences--Zoology, TT. v. 8, no. 3)

Nartshuk, E. P.  
ON THE DIFFERENCE BETWEEN LARVAE AND  
PUPARIA OF OSCINELLA FRIT L. AND O.  
PUSILLA MEIG (DPT., CHLOROPIDAE) tr. by  
R. Ericson. 31 May 62 (9 figs. non-Russian refs.  
omitted) 1 ref. 62-15626  
Order from OTS or SLA \$1.10

Trans. of Zool[ogicheskii] Zher[nal] (USSR) 1956,  
v. 35, no. 6, p. 868-875.

DESCRIPTORS: Insects, Food, Ecology, Plants,  
Physiology, Identification.

(Biological Sciences--Zoology, TT, v. 8, no. 3)

62-15626

I. Nartshuk, E. P.

62-15626

Office of Technical Services

Nartshuk, E. P.  
MATERIALS ON FAUNA AND ECOLOGY OF  
CHLOROPIDS (DIPTERA, CHLOROPIDAE) IN THE  
ENVIRONS OF THE TOWN OF KURGAN, tr. by  
R. Ericson. 17 May 60. 7p. 5 refs. 62-15625  
Order from OTS or SLA \$1.10

Trans. of Entomologicheskoe Obozrenie (USSR)  
1956, v. 35, no. 1, p. 132-138.

DESCRIPTORS: Insects, \*Diptera, \*Ecology,  
Drosophila, Distribution.

(Biological Sciences--Zoology. TT, v. 8, no. 3)

62-15625

1. Title: Chloropids  
1. Nartshuk, E. P.

212043

Office of Technical Services



Localization of Specific Antigens in Tumor  
Tissue, by L. A. Zil'ber, N. V. Kartaisov,  
G. I. Abulev, 8 pp.

RUSSIAN, thrice-a-month, Dok Ak Nauk SSSR,  
Vol C, No 2, 1955, pp 331-334. CIA D 197095.

NIH

36,404

Sci - Medicine

Jul 1956

Acquired Immunological Tolerance to Antigens of  
Human Normal and Neoplastic Tissues, by L. V.  
Sherashul'skaya, A. V. Yedova, N. V. Martsissov,  
et al, 7 pp.

RUSSIAN, per, Voprosy Onkol, Vol VI, No 9, 1960,  
pp 3-9.

PP

Sci

Apr 61

150,072

... for Wet Air Cell.

Activity of Carbon Electrode for Wet Air Cell,  
by O. Kunitake, E. Naruko, I. Sawada, 6 pp.

JAPANESE, per, J. Chem Soc, Vol XXII, 1954,  
pp 608-611.

B.L.A. Tr 57-255

Sci - Electronics  
May 57

48,741

Studies on Scutchers IX - Air Flow  
Between Beater and Cage, by Y. Narumi.

JAPANESE, per, Textile Machinery Society  
of Japan Journal, Vol III, 1959, pp 40-43.

CAIRO

Sci. Eng.  
Vol. 62

204, 912

Studies on Scutchers VIII - Lateral  
Unevenness of Scutcher Lap (1), by  
N. Muramatsu.

JAPANESE, per, Textile Machinery  
Society of Japan Journal, Vol. XI,  
1959, pp 40-45.

CSIRO

Sci - Ingr  
Vol. 62

204,911

Naruse, Akira; Shimura, Fujio, and Watanabe, Akira.  
INVESTIGATIONS INTO THREE-DIMENSIONAL FLOW  
OF THE THROAT CURRENT IN A MODEL THROAT.  
Rept. 3 of Studies on the Throat of a Glass Melting  
Tank, [1968] [34] p. (foreign text included) 5 refs.  
Order from SLA \$3.60 63-14071

Trans. of [Yogyo Kyokaiishi] (Japan) 1959, v. 67, no. 3,  
p. 85-95.

DESCRIPTORS: \*Glass, \*Melting, \*Pladd flow, Glycin-  
ols, Velocity, Models (Simulation), Heat transfer,  
Equations, Test equipment, Tests.

See also 60-18542

(Materials--Ceramics, TT, v. 10, no. 3)

63-14071

1. Title: Throat current theory
2. Title: Glass furnaces
- I. Naruse, A.
- II. Shimura, F.
- III. Watanabe, A.
- IV. Title: Studies ...

Office of Technical Services

Naruse, Akira, Shinnobu, Michio, and Mishina,  
Motosaku.

EXPERIMENTAL TRACE ON TESTS WITH A  
MODEL AND TECHNOLOGICAL CONSIDERATIONS  
OF THE THROAT CURRENT THEORY. Rept. 2 of  
Studies on the Throat of Glass Melting Tank. [1960]  
[34]p. 21 refs.

Order from SLA m\$3.00, ph\$6.30 60-18542

Trans. of Yogyo Kyokai (Japan) 1957, v. 65,  
no. 742 [p. 259-268].

The velocity distribution of convection currents in the  
throat of a glass melting tank was observed. Glycerine  
was used as the current body in place of molten glass  
and the current was traced with 2-bromonaphthalene  
and spirilla oil colored with sudan III. The formula  
 $rl^{1/4}h_{opt} = 2.91(W_1/\rho_0^{1/2}bgk\Delta\theta)^{1/4}$  was derived for  
finding the throat dimensions for minimum erosion  
speed of throat refractories. The formula also deter-  
mines the critical condition for the elimination of  
(Materials Ceramics, TT, v. 5, no. 6) (over)

60-18542

1. Glass--Melting
2. Refractory materials--  
Corrosion
3. Title: Throat current  
theory
4. Title: Glass furnaces
  - I. Naruse, A.
  - II. Shinnobu, M.
  - III. Mishina M.
  - IV. Title: Studien...

Office of Technical Services

Influence of Alloying Additives on Hydrogen Absorption  
of Steels, by S. A. Balesin, N. I. Marushevich, 6 pp.

RUSSIAN, per, Zhur, Prik Khim, Vol XXXIII, No 11,  
1960, pp 2536-2540.

CB

Sci

169, 448'

Sep 61.



Prevention of Flakes in Semi-Finished Steels, by  
I. A. Narutskaya, et al.

RUSSIAN, no per, Stal', Vol XVI, No 12, 1956,  
pp 1097-1098.

Henry Bratcher

Tr 3908

\$2.80

Sci - Min/Metals, metallurgy 50,739  
Aug 57

(NY-5817/3)

Oscilloscopic Attachment to the Electrocardiographs, by V. O. Iodas, L. V. Kagan, V. B. Linder, B. V. Marushyn, 7 pp.

RUSSIAN, per, Med Prom SSSR, Vol I, No 10, Oct 60, pp 48-49.

JPRS 7971

Sci - Med

Apr 61

146,658

The 081 Section, by B. V. Naruzhny, V. V.  
Naruzhny, 5 pp.  
Official, for, Industrially Production SSSR.  
No 11, Nov 64, pp 60-63.  
JPRS 20036

SSSR  
Sci-Bio & Tech Sci  
Tab 65

275,203

Recording of ESR Spectra from Materials Exposed  
to X-Rays, by D. I. Naryadchikov, A. D. Gulehina.  
1 pp.

RUSSIAN, per. Priboiy i Tekh Eksper, No 3, 1962,  
p 192.

ISA

Sci

Apr 63

533,526

(NY-5161)

Remote Results in the Treatment of Patients With  
Gastric Polyposis, by N. N. Yelenskiy, K. K.  
Narycheva, 11 pp.

RUSSIAN, per, Khirurgiya, Vol XXXVI, No 8, 1960,  
pp 31-36.

JPRS 7637

Sci .. Med

Feb 61

140,310

A Song Chasing, by M. Margaret, 250 pp. 1902L

ROBBIAN, document, Grand, No 48, Oct/Dec 1960, 108 pp.

RM/S-444/62

WEEK

See

Jun 62

199,918

Heat Treatment and Mechanical Properties of  
Magnesium Alloy Parts, by A. A. Naryshkin.

RUSSIAN, per, Metal Termicheskaya Obrab. Metallurg,  
No 3, 1959, pp 44-46.

HB 4544

Sci - Min/Met

Doc 59

104, 282

Naryshkin, A. A. [and] Andreyev, N. Kh.  
HEAT TREATMENT AND MECHANICAL PROPERTIES OF PARTS MADE OF MAGNESIUM ALLOYS [AND] STRUCTURAL CHANGES IN THE METAL OF A TRANSITION ZONE OF A SPOT WELDED JOINT MADE OF MAGNESIUM ALLOYS (Termoobrabotka Mekhanicheskiye Svoystva Detaley Iz Magniyevykh Splavov) [and] Strukturnyye Izmeneniya v Metalle Perekhodnoy Zony Svurnogo Tochechnogo Soyedineniya Iz Magniyevykh Splavov). 10 Oct 60 [10p. (4 figs. 1 table omitted). MCL-125/1.  
Order from OTS or SIA \$1.10

61-19547

Rough draft trans. of Metallovedeniye i Termicheskaya Obrabotka Metallov (USSR) 1959, no. 3, p. 44-48.  
Other translations are available from HB \$2.00 ea. as HB-4544 and HB-4545 [1959].

DESCRIPTORS: \*Magnesium alloys, \*Heat treatment, \*Magnetic properties, \*Spot welds.

For abstracts see Technical Translations 3: 111 and 103, 1960.

61-19547

I. Naryshkin, A. A.  
II. Andreyev, N. Kh.  
III. MCL-125/1  
IV. Technical Information Center, Wright-Patterson AFB, Ohio

Office of Technical Services

(Machinery--Manufacturing,  
TT. v. 6, no. 1)



The Determination of Vapor Pressure of  $AlCl_3-NaCl$   
Melts at High Temperatures, by I. I. Naryshkin, 3 pp.

RUSSIAN, no par, Zhur Fiz Khim, Vol XIII, 1939,  
pp 690-692.

S.L.A. Tr 1267

Sci - Physics  
Jan 57 GTS

42,585

Determination of the Dielectric Constants of  
Aqueous Sugar Solutions, by I. I. Naryubkin, 3 pp.

RUSSIAN, no per, Zhur Pri' Khim, Vol XXVII, No 3,  
Mar 1954, pp 332-333. C A C 38935

Consultants Bureau

Scientific - Chemistry

CIN 73/Cot 55

27094

The Determination of Vapor Pressure of  $\text{AlCl}_3$ - $\text{NaCl}$   
Melts at High Temperatures, by N. I. Maryashina, 9 pp.

RUSSIAN, no per, Zhur Fiz Khim, Vol XIII, 1939,  
pp 690-692.

S.I.A. Tr 1267

Sci - Physics  
Jan 57 OTS

42,585

Polarography of Melts M in Presence of Lithium  
and Potassium Chlorides With the Use of a Dropping-  
Lead Electrode, by I. M. Maryshkin, A. A. Minin,  
3 Pt.

RUSSIAN, per, Zhur Prikl Khim, Vol XXXIV, No 10,  
1961, pp 2353-2355.

CB

Sed  
Aug 62

216,166

English Study of the Development of Cytogenetics  
done by H. L. Muller, E. J. Maryashkina, and  
H. L. Muller, for, *Journal of Cell Biology*, Vol. 31, 1957,  
No. 2, pp. 69-87  
SIA 79-1-3025

*E. J. Maryashkina*

Enl - Class  
May 67

35, 654

Energy Loss Due to Radiation of Longitudinal Waves  
by a Charged Particle Moving in a Medium, by L.G.  
Mazyshtakina, 3 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XIII,  
No 3, 1962, pp. 953-957.

Ann. Inst. of Phys  
Sov Phys - JETP  
Vol XVI, No 3

233,187

Sol

Apr 63

Kinetics of the Oxidation of Thiosulfate with  
Hydrogen Peroxide in the Presence of Vanadate,  
by K. B. Yatsimirskii, E. F. Maryashkina,

RUSSIAN, per, Zhur Neorg Khim, Vol IV, No 7,  
1959, pp 1548-1551.

Cleaver-Hume Press Ltd.  
London

Sci - Chem  
Jan 60

106,589

The Kinetics of Oxidation of Thiocyanate by  
Hydrogen Peroxide in Presence of Tungstic  
Acid, by K. D. Indutskiy, E. F. Baryshkina,  
9 pp.

RUSSIAN, RUSSIAN, RUSSIAN RUSSIAN, Vol IX,  
No 2, 1958, pp 244-251.

ABC 55-4430  
FI-480

541  
May 68  
FBI JTB

195,083



On the Radiation of an Oscillator Moving in a  
Waveguide

By L. G. Maryashkina, K. A. Burakov pp 7

RUSSIAN, per, Zhur Tekh Fiz, Vol XXIII, No 4,  
1963, pp. 1444-1454.

Amer Inst of Phys  
Sov Phys - Tech Phys.  
Vol VIII, No 4

Sol.

Sep 63

344, 868  
1

(NY-6498)

Transition Radiation in Moving Media, by  
K. A. Barsukov, L. G. Naryshkina, 8 pp.

RUSSIAN, per, Iz Vyschikh Ucheb Zaved,  
Ser Radiofiz, Vol IV, No 3, ~~1961~~ 1961,  
pp 574-577.

JPRS 12754

Sci

187, 923

Mar 62

The Individual Composition and Antiknock Properties  
of Sparking Gasoline, by N.I. Shuykin, S.S.  
Novikov, T.I. Naryzhkina, B.A. Englin, 5 pp.

RUSSIAN, for, Iz Ak Nauk SSSR, Otdel Khim Nauk,  
No 9, 1957, pp 1086-1090

Consultants Bureau

Sci - Chem

May 59

87,191

All-Union Conference on the Chemical Processing  
of Petroleum Hydrocarbons in the Production of  
Intermediates for the Synthesis of Fibers and  
Plastics, by N. I. Shoykin, T. I. Karyzhkin,  
3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,  
No 10, 1957, pp 1272-1276.

2

Consultants Bureau

Sci - Chem

May 59

87,902

The Synthesis of New Homologs of Cyclopentadiene,  
by T. I. Maryshkina, H. I. Shvikin, 3 pp.

RUSSIAN, per Zhur Obshch Khim, Vol XXX, No 10,  
1960, pp 3205-3207.

CB

Sci

Oct 61

171, 721

The Catalytic Dehydrogenation of Cyclopentene,  
by N. I. Shuikin, T. I. Maryshkina, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XIV, No 2, 1957  
351- .

Consultants Bureau

Sci - Chem  
Aug 58

69, 122,

Organic Insectofungicides. XXXIII. The Synthesis  
of some Derivatives of 4,7-Dichloro-2-methyl-  
pyridine, by B. S. Babitskiy, N. N. Mal'nikov,  
T. I. Morozkina, 3 pp.

RUSSIAN, par, Zhur Gostech Khim, Vol XXVIII,  
no 2, 1978, pp 480-482.

Consultants Bureau

Sol - Chem

Apr 79

85,685

Dehydrogenation of Cycloalkanes With Five-Membered  
Rings Over Platinum Catalyst, by H. I. Shalkin,  
T. I. Maryshkin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 2,  
1959, pp 351-353.

CD

Sci  
Oct 60

129,946



Contact-Catalytic Dehydrocyclization of  
Piperylene, by N. I. Shuikin, T. I.  
Muryshkina, 6 pp.

RUSSIAN, par, Iz Nauk SSSR, Otdel Khim Nauk,  
No 3, 1958, pp 316-323.

Consultants Bureau

Ref - Chem

Apr 60

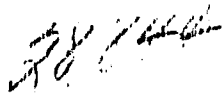
112, 307

Thermal Transformations of 1,3-Pentadiene, by N. I.  
Smolin, B. S. Kovikov, T. I. Naryshkina, 4 pp.

RUSSIAN, mime per, Iz Ak Nauk SSSR, Otdel Khim Nauk,  
No 5, Sep-Oct 1954, pp 898-903. CIA C 39501

Consultants Bureau

Scientific - Chemistry  
Nov 55 CHB/DEX



Catalytic Dehydrogenation of 1-Methyl-1-Cyclopentene,  
by H. I. Choukine, E. J. Maryshkina, 5 pp.

FRSH, per, Rev Inst Franc Petrole et Ann Combustibles  
Liquides, Vol XII, No 10, 1957, pp 1075-1078.

Assoc Tech Serv  
66247

Sci - Chem  
May 59  
OTS, Vol. I, No 6

86,304

Catalytic Dehydrocyclization of 2-Ethyl-1,3-butadiene, by N. I. Shaikin, T. I. Maryashkina, 3 pp.

RUSSIAN, Ser. Iz Ak Nauk SSSR, Otdel Khim Nauk, No 4, 1958, pp 508-509.

Consultants Bureau

Sci. Chem

Apr 60

112,293

Study of Instability in the Cyclotron Method of  
Plasma Heating, by M. I. Margarov, A. I. Brusako, et al,  
10 pp.

RUSSIAN, rpt, Proceedings of the Third Conference on the  
Plasma Physics and on the Problem of Controlled  
Thermonuclear Reactions, 1962.

ABC-MATT-Tr-5

Sci - Nucl Sci

238,238

Jul 63

22

For information of the Director of Central Intelligence and the President of the United States, the following information is being furnished for your information:

1. The following information is being furnished for your information:

2. The following information is being furnished for your information:



The Relationship Between the Strength of  
Soviet Forces and China, by B. N. Margulov.

B. N. Margulov.

69 p.

RUSSIAN, par, Zhurnal Vostochnoi Pechi,  
Vol 83, No 10, 1973, pp 1571-1599.

REF ID: A985

*B. N. Margulov*

Ref-Page  
Vol 66

306,173



Physical Theories Concerning the Strength of  
Solids, by E. H. Nazmullayev, L. O. Kainykova,  
18 pp.

RUSSIAN, per, Trudy Ak Nauk Tadzhikskoy SSR,  
Vol LIV, 1956, pp 103-114, 9460413

NRIC MCL-597/IXX

NRIC MCL-597/IXX

Sci - Physics

Wire DC-2

Apr 61

147,784

10 858

US-4  
US-5

**B. N. NARZULLAEV, L. G. KALMYKOVA**

Physical theories concerning the strength of solid bodies  
(a survey of contemporary ideas)

Trudy Inst. Seismol. , Akad. Nauk Tadzhik SSR, 54, 103-114  
(1950)

SCL-T-309. \$ 3.30 (ph), \$ 2.40 (mf) - English

E u r a t o m

Physical Theories Concerning the Strength of Solid  
Bodies (A Survey of Contemporary Ideas), by B. N.  
Narzullaev, L. G. Kalmykova, 15 pp.

RUSSIAN, per, Trudy Inst Seismol, Ak Nauk Tadzhik,  
SSR, Vol. LIV, 1956, pp 103-114.

ABD SCL -T-309

Sci - Phys  
Sep 60

124,852

Narzikulov, M. N.  
 NEW PLANT LICE (HOMOPTERA, APHIDIDAE)  
 FROM THE MOUNTAIN REGIONS OF TADJIKISTAN,  
 tr. by L. Ericson. June 60, 11p. (figs. omitted).  
 Order from CTS or SLA \$1.60 63-13591

Trans. of Entomologicheskoe Obozrenie (USSR)  
 1957, v. 36, no. 3, p. 671-694.

DESCRIPTORS: Homoptera, Taxonomy, Lice,  
 Arthropoda, Mountains, Ecology.

The following new species are characterized: *Periphyllus mamontovi*; *Neothamnus pini*; *Acyrtosiphon*  
*rusi*; *A. sp.*; *Avicennia rosifera* (*Avicennia*  
 being a new genus); *Lissonotus lythae*; *Myzaphis*  
*hej-lankoi*; *Tricardatus (Librahemys) berisulidis*  
*(Tricardatus)* being a new genus; *Hayhurstia alsenbergi*;  
*Brachycaudus chaptaliae*; *Dysaphis pavlovskaya*;  
*Chondrodes ussuriensis*; *P. montanus*.  
 (Earth Sciences--Zoology, TT, v. 10, no. 12)

63-23591

1. Title: Tadzhikistan  
 1. Narzikulov, M. N.

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Office of Technical Services

Narzykulov, M. N.  
SOME RESULTS OF STUDIES ON THE DENDROPHILOUS  
APHIDS (HOMOPTERA APHIDIDAE) OF  
TADZHIKISTAN, tr. by R. Ericson, June 60, 14p.  
Order from OTS, SLA, or ETC \$1.60 TT-63-23592

Trans. of Ent[omologicheskoe] Oboz[renie] (USSR)  
1957, v. 36, no. 4, p. 877-894. (Abstract available)

DESCRIPTORS: \*Homoptera, Taxonomy, Ecology.  
\*Lice, Arthropoda.

Topics include: Distribution of aphids in the territory  
in connection with characteristics of the relief; some  
reasons for disturbance of vertical zonality; and  
ecologico-faunistic complex of dendrophilous aphids.

(Biological Sciences--Zoology, TT, v. 11, no. 1)

TT-63-23592

1. Title: Tadzhikistan  
I. Narzykulov, M. N.

Office of Technical Services

Substitution of Hydrogen Atoms in the Benzene Ring  
by Alkyl Groups. X. Equations for the Composition  
of the Products of Alkylation of Isopropylbenzene  
by Propylene in the Presence of Aluminum Chloride  
and Ratios of the Rate Constants, by E. P. Bahin,  
V. G. Plyusina, M. E. Masakina, et al, 3 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXIV, No 7, 1960,  
pp 1389-1394.

Cleaver-Hume Press

155,387

Sci  
Jan 61

Naslaen, Reino.

THE POTENTIOMETRIC DETERMINATION OF THE SOLUBILITY PRODUCT OF MAGNESIUM HYDROXIDE. [1962] 14p. 23 refs.

Order from SLA \$1.60

62-18009

Trans. of Zeit[schrift f[ur] Phys[ikalische] Chemie, Leipzig] [Germany] 1941, v. 188A, p. 272-283.

DESCRIPTORS: \*Magnesium compounds, \*Hydroxides, Determination, Electrolytic titration, Solubility, Mathematical analysis.

General equations are deduced which are needed for the determination of the solubility product from the maximum change of potential and adapted for the special case of magnesium hydroxide. The concentration solubility product of magnesium hydroxide is determined at different contents of RCl. The thermodynamic solubility product as calculated according to (Chemistry--Analytical, TT, v. 8, no. 9) (over)

62-18009

L. Naslaen, R.

626659

Office of Technical Services

the theory of Debye-Hückel from the measured values is  $3.67 \times 10^{-11}$ . The theoretically expected difference between the point of equivalency and the point of inflection of the curve is confirmed experimentally in the case of the alkalimetric titration of magnesium. (Author)

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62-8009